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GenCore version 5.1.4_P5_4578

OM nucleic - nucleic search, using sw model

Run on:

March 15, 2003, 12:16:13 ; Search time 35.3242 Seconds
(without alignments)

9688.871 Million cell updates/sec

Title: US-08-978-217-1
Perfect score: 1116
Sequence: ATGGCTGCAACCTGTGAGAT.....TTCTTCCAGACTGGAACTGA 1116

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq: *
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PCB6_COMB.seq: *
6: /cgn2_6/ptodata/1/ina/backtitled.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1109.6	99.4	1920	1	US-08-746-789A-1
2	173.8	15.6	852	4	US-09-020-950-44
3	173.8	15.6	852	4	US-09-030-607-44
4	173.8	15.6	852	4	US-09-605-785-44
5	173.8	15.6	852	4	US-09-433-312-44
6	173.8	15.6	852	4	US-09-332-610A-44
7	173.8	15.6	852	4	US-09-232-145A-44
8	173.8	15.6	5427	3	US-09-005-912-2
9	173.8	15.6	5310	3	US-09-009-913-3
10	173.8	15.6	5667	3	US-09-009-913-4
11	162.6	14.6	848	3	US-09-005-912-338
12	101.2	9.1	2280	3	US-09-009-913-8
13	101.2	9.1	2428	3	US-09-009-913-6
14	101.2	9.1	2498	3	US-09-005-911-10
15	84.8	7.6	2266	2	US-09-213-767-1
16	78.2	7.0	1905	4	US-09-055-112-2
17	73.4	6.6	2915	1	US-08-368-282-1
18	73.4	6.6	3240	1	US-08-368-283-3
19	66.6	6.0	1752	4	US-09-360-779-1
20	66.6	6.0	1752	4	US-09-433-331-1
21	65.6	5.9	2268	3	US-09-344-577-1
22	63.4	5.7	2328	2	US-08-343-412B-3
23	59.8	5.4	2667	4	US-08-469-412A-1
24	59.8	5.4	2667	4	US-09-021-715-1
25	59.4	5.3	2064	3	US-08-875-942B-1
26	59.4	5.3	2064	4	US-09-116-041-3
27	53.6	4.8	1447	4	US-08-878-177-1

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

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4: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PCB6_COMB.seq: *
6: /cgn2_6/ptodata/1/ina/backtitled.seq: *

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SUMMARIES

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4	173.8	15.6	852	4	US-09-605-785-44
5	173.8	15.6	852	4	US-09-433-312-44
6	173.8	15.6	852	4	US-09-332-610A-44
7	173.8	15.6	852	4	US-09-232-145A-44
8	173.8	15.6	5427	3	US-09-005-912-2
9	173.8	15.6	5310	3	US-09-009-913-3
10	173.8	15.6	5667	3	US-09-009-913-4
11	162.6	14.6	848	3	US-09-005-912-338
12	101.2	9.1	2280	3	US-09-009-913-8
13	101.2	9.1	2428	3	US-09-009-913-6
14	101.2	9.1	2498	3	US-09-005-911-10
15	84.8	7.6	2266	2	US-09-213-767-1
16	78.2	7.0	1905	4	US-09-055-112-2
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21	65.6	5.9	2268	3	US-09-344-577-1
22	63.4	5.7	2328	2	US-08-343-412B-3
23	59.8	5.4	2667	4	US-08-469-412A-1
24	59.8	5.4	2667	4	US-09-021-715-1
25	59.4	5.3	2064	3	US-08-875-942B-1
26	59.4	5.3	2064	4	US-09-116-041-3
27	53.6	4.8	1447	4	US-08-878-177-1

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5	173.8	15.6	852	4	US-09-433-312-44
6	173.8	15.6	852	4	US-09-332-610A-44
7	173.8	15.6	852	4	US-09-232-145A-44
8	173.8	15.6	5427	3	US-09-005-912-2
9	173.8	15.6	5310	3	US-09-009-913-3
10	173.8	15.6	5667	3	US-09-009-913-4
11	162.6	14.6	848	3	US-09-005-912-338
12	101.2	9.1	2280	3	US-09-009-913-8
13	101.2	9.1	2428	3	US-09-009-913-6
14	101.2	9.1	2498	3	US-09-005-911-10
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18	73.4	6.6	3240	1	US-08-368-283-3
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20	66.6	6.0	1752	4	US-09-433-331-1
21	65.6	5.9	2268	3	US-09-344-577-1
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24	59.8	5.4	2667	4	US-09-021-715-1
25	59.4	5.3	2064	3	US-08-875-942B-1
26	59.4	5.3	2064	4	US-09-116-041-3
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4: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PCB6_COMB.seq: *
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4	173.8	15.6	852	4	US-09-605-785-44
5	173.8	15.6	852	4	US-09-433-312-44
6	173.8	15.6	852	4	US-09-332-610A-44
7	173.8	15.6	852	4	US-09-232-145A-44
8	173.8	15.6	5427	3	US-09-005-912-2
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21	65.6	5.9	2268	3	US-09-344-577-1
22	63.4	5.7	2328	2	US-08-343-412B-3
23	59.8	5.4	2667	4	US-08-469-412A-1
24	59.8	5.4	2667	4	US-09-021-715-1
25	59.4	5.3	2064	3	US-08-875-942B-1
26	59.4	5.3	2064	4	US-09-116-041-3
27	53.6	4.8	1447	4	US-08-878-177-1

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4: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PCB6_COMB.seq: *
6: /cgn2_6/ptodata/1/ina/backtitled.seq: *

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4	173.8	15.6	852	4	US-09-605-785-44
5	173.8	15.6	852	4	US-09-433-312-44
6	173.8	15.6	852	4	US-09-332-610A-44
7	173.8	15.6	852	4	US-09-232-145A-44
8	173.8	15.6	5427	3	US-09-005-912-2
9	173.8	15.6	5310	3	US-09-009-913-3
10	173.8	15.6	5667	3	US-09-009-913-4
11	162.6	14.6	848	3	US-09-005-912-338
12	101.2	9.1	2280		

US-09-020-956-4/C
 Sequence 44, Application US/09020956
 GENERAL INFORMATION:
 APPLICANT: Xu, Jiangchun
 APPLICANT: Dillin, Davin C.
 TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FOR
 NUMBER OF SEQUENCES: 178
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SEED and BERRY LLP
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98104
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.3.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/020, 956
 FILING DATE: 09-FEB-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Maki, David J.
 REGISTRATION NUMBER: 31,392
 REFERENCE DOCKET NUMBER: 210121.427C2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 44:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 852 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 US-09-020-956-44

Query Match 15.6%; Score 173.8; DB 4; Length 852;
 Best Local Similarity 69.7%; Pred. No. 4.2e-35; Gaps 0;
 Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

QY	758	TGAGCAAGAGTACTGGACTGTCTCGAGGGCAGAAGNGCAGACCGGCCAGAGCA	817
Db	450	TGAAAAGGAGGAGAGACCCCCCTGCCAACATGCCACACCAAAGCACAAACCGAGAGGGA	391
QY	818	CCACCTGTGGAGTTCTCCGGACATCTCTCATCCACCGGGCTAACAGGGCCCTCA	877
Db	390	CTCACTTATGGGATTCATCCGGACATCTCTGTAAACCCAGAACAGAACCCAGGATAA	331
QY	878	TGAGTGGAGAACCGGATCTGAGGGCTTCAAGTTCTGCGCTCGGGCTGTGGCC	937
Db	330	TAAATGGGAGAACCGGATCTGAGGGCTTCAAGTTCTGAAATCAGGGCAGTGGCTC	271
QY	938	AACTATGGCCAAAGAAAAGAACGCGAACATGACCTACAGAGAGCTGAGGGGGCA	997
Db	270	ACGTATGGTAAAGAAGAACACAGCAGCAGATGACATGAAAGCTCAGCCGAGCTA	211
QY	998	TGAGGTACTACTAACAGGGAGCTCTGGAAACGGGTGGATGGCCGCCACTCGCTACAA	1057
Db	210	TGAGATATTACTACAAGAGAAATTCTGAGGCTGTGCGATGGACGAACTGGTATA	114
QY	1058	AGTTTGCGAAACTCAAGCGCTGAGGAGGAGA	1094
Db	150	AAATTGGCGAAGATGCCGGAGGATGGAGGAATGAA	114

RESULT 3

US-09-030-607-44/c

Sequence 44, Application US/09030607

Patent No. 6,262,45

GENERAL INFORMATION:

APPLICANT: Xu, Jianchun

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO

NUMBER OF SEQUENCES: 224

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: WA

COUNTRY: USA

ZIP: 98104

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/030,607

FILING DATE: 25-FEB-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.427C3

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 44:

SEQUENCE CHARACTERISTICS:

LENGTH: 852 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

ORIGINAL SOURCE:

ORGANISM: Homo sapiens
US-09-030-607-44

US-09-605-785-44/c

Sequence 44, Application US/09605785

Patent No. 6,321,716

GENERAL INFORMATION:

APPLICANT: Xu, Jianchun

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

NUMBER OF SEQUENCES: 224

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: WA

COUNTRY: USA

ZIP: 98104

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/605,785

FILING DATE: 2000-06-27

FILE REFERENCE: 210121.427C16

CURRENT APPLICATION NUMBER: US/09/605,785

FILING DATE: 2000-06-27

NUMBER OF SEQ ID NO: 835

SOFTWARE: Fast-SEQ for Windows Version 3.0

SEQ ID NO: 44

LENGTH: 852

TYPE: DNA

ORGANISM: Homo sapien

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)..(852)

OTHER INFORMATION: n = A, T, C or G

US-09-605-785-44

Query Match 15.6%; Score 173.8; DB 4; Length 852; Best Local Similarity 69.7%; Pred. No. 4,2e-35; Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

QY 758 TCGACCAAGAGACTACTGGACTCTGGAGCAGCGGCCAGAGCA 817

DQ 450 TCAAAMAGGAGGAAAGCCCTCTGCCAACGAGCACACAGGAGGA 391

QY 818 CCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGATCTCA 877

DQ 390 CTCACATTGGAAATCATCGGAGATCCCTTGAACCCAGAGAAC 331

QY 450 TCAAAMAGGAGGAAAGCCCTCTGCCAACGAGCACACAGGAGGA 391

QY 818 CCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGATCTCA 877

DQ 390 CTCACATTGGAAATCATCGGAGATCCCTTGAACCCAGAGAAC 331

QY 878 TGAAGTGGAGATCGGATCGGCTCGAGCTTGAGCTGGCTCGAGG 937

DQ 450 TAAATGGAGACCGATCTGGGGCTCTAGGTCTTGAATCAGGGAGT 271

QY 938 AACATATGGGCAAAAGAACAAAGAACAGCAACATGAGCTTGAAC 997

DQ 390 AACATATGGGCAAAAGAACAAAGAACAGCAACATGAGCTTGAAC 997

QY 938 AACATATGGGCAAAAGAACAAAGAACAGCAACATGAGCTTGAAC 997

DQ 390 AACATATGGGCAAAAGAACAAAGAACAGCAACATGAGCTTGAAC 997

QY 998 TCGAGGACTACTACAAACGGGAGATCTGGAGCGGCGACTCTGCT 1057

DQ 210 TCGAGGACTACTACAAACGGGAGATCTGGAGCGGCGACTCTGCT 1057

QY 998 TCGAGGACTACTACAAACGGGAGATCTGGAGCGGCGACTCTGCT 1057

DQ 210 TCGAGGACTACTACAAACGGGAGATCTGGAGCGGCGACTCTGCT 1057

QY 1058 AGTTGCAAAACTCAAGCGGCTGGAGGGAGA 1094

DQ 150 AATTGGAGATGCCGGAGATGGAGAGAAATGA 114

RESULT 4

RESULT 5

US-09-439-313-44/c

Sequence 44, Application US/09439313

Patent No. 6,329,505

GENERAL INFORMATION:

APPLICANT: Xu, Jianchun

APPLICANT: Dillon, Davin C.
 APPLICANT: Mitcham, Jennifer L.
 APPLICANT: Harlocker, Susan Louise
 APPLICANT: Jiang, Yuqiu
 APPLICANT: Reed, Steven G.
 APPLICANT: Kalos, Michael
 APPLICANT: Fanger, Gary
 APPLICANT: Rettner, Mark
 APPLICANT: Solk, John

APPLICANT: Day, Craig

APPLICANT: OTHER INFORMATION: n = A, T, C or G

US-09-352-616A-44

RESULT 6
 US-09-352-616A-44/C
 Sequence 44 - Application US/09352616A
 ; Patent No. 6395278

GENERAL INFORMATION:

APPLICANT: Dillon, Davin C.
 APPLICANT: Harlocker, Susan Louise
 APPLICANT: Jiang, Yuqiu
 APPLICANT: Mitcham, Jennifer Lynn
 APPLICANT: Mitcham, Davin C.
 APPLICANT: Jiang, Yuqiu
 APPLICANT: Mitcham, Jennifer Lynn

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FOR THEIR USE

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS OF PROSTATE CANCER AND METHODS FOR THEIR USE

FILE REFERENCE: 210121-427C9

CURRENT APPLICATION NUMBER: US/09/352,616A

CURRENT FILING DATE: 1999-07-13

NUMBER OF SEQ ID NOS: 38

SOFTWARE: FastSEQ for Windows Version 3.0

SBQ ID NO 44

LENGTH: 852

TYPE: DNA

ORGANISM: Homo sapien

FEATURE: misc_feature

NAME/KEY: misc_feature

LOCATION: (1)..(852)

OTHER INFORMATION: n = A, T, C or G

US-09-439-313-44

Query Match 15.6%; Score 173.8; DB 4; Length 852; Best Local Similarity 69.7%; Pred. No. 4.2e-35; Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0; Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 758 TGACCAAGAGACTGGACTGTCGAGGGAGAGAGCAGCAGCGCCAGAGCCA 817
 Db 450 TGAAAAGGAGCAAGACCCCTGCCAGTGCACATCTTGACGACAAAGCACACCCGAGGGA 391

Qy 818 CCCACCTGTGGAGTCTATCGGGATCTCATCCACCGGACTCAAGGGCTCA 877
 Db 390 CTCACTTATGGATTCATCCGGACATCTTGACGACAAAGCACACCCGAGGGA 331

Qy 878 TGAGTGGAGATGGATGAGGGCTTCAGTCTCGAGGTCTCGAGGCTGTGGCC 937
 Db 330 TAATATGGGAAGACGGATCTGAGGGCTTCAGGTCTTGAAATCAGGGCTGGCCC 937

Qy 938 AACTATGGGCCAAAGGAAAGAACGAACTACGGGATCTGGAAACGGGTGATGGCCGAGCTGGCTCA 997
 Db 270 AGCTATGGGGTAAAGGAGAACACAGCAGCATGAAAGCTCAGCGAGCTA 271

Qy 998 TGGAGTACTACTACAACGGGATCCGGAAACGGGTGATGGCCGAGCTGGCTCA 1057
 Db 210 TGGATATTACTACAAAGAGAAATTCTGGAGCTGTGGATGACGAGACTGTATA 151

Qy 1058 AGTTGGCAAACACTCAAGGGTGGAGGAGGAAGA 1094
 Db 150 ATTTGGAGAATGCCGAGATGGAGAAATGA 114

RESULT 7
 US-09-232-149A-44/C
 Sequence 44, Application US/0932149A

GENERAL INFORMATION:

Patent No. 6465611

APPLICANT: Xu, Jiangchun
 APPLICANT: Dillon, Davin C.
 APPLICANT: Mitcham, Jennifer Lynn

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FOR THEIR USE

FILE REFERENCE: 210121-427C6

CURRENT APPLICATION NUMBER: US/09/232,149A

CURRENT FILING DATE: 1999-01-15

NUMBER OF SEQ ID NOS: 38

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 44

LENGTH: 852

TYPE: DNA

ORGANISM: Homo sapien

FEATURE: misc_feature

NAME/KEY: misc_feature

LOCATION: (1)..(852)

OTHER INFORMATION: n = A, T, C or G

US-09-232-149A-44

Query Match 15.6%; Score 173.8; DB 4; Length 852; Best Local Similarity 69.7%; Pred. No. 4.2e-35; Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0; Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 758 TGACCAAGAGACTGGACTGTCGAGGGAGAGAGCAGCAGCGCCAGAGCCA 817
 Db 450 TGAAAAGGAGCAAGACCCCTGCCAGTGCACATCTTGACGACAAAGCACACCCGAGGGA 391

Qy 818 CCCACCTGTGGAGTCTATCGGGATCTCATCCACCGGACTCAAGGGCTCA 877
 Db 331 CCCACCTGTGGAGTCTATCCGGACATCTTGACGACAAAGCACACCCGAGGGA 937

Db	390	CTCACTTATGGAAATTCACTCGGCACATCCCTTGAACTTACAGAACAGAAGACCCAGGATTA	331
Qy	878	TGAGTGGAGAATTCGGCTATGAGGGCTCTTCAGGCTCTGGCTCGAGGGCTGTGCCCC	937
Db	330	TATATGGGAGACCGATCTGAGGGGTCTTCAGGTCTTGAAATCAGAGGAGTGGCTC	271
Qy	938	AACTATGCGGCCAAGAAAAGAACAGAACATGACCTACAGAAGACCTGAGCCGGGCA	997
Db	270	AGCTATGGGTTAAAGAGAACACAGCAGCATGACCTATGAAAGCTCAGCCGAGCTA	211
Qy	998	TGAGGACTACTACAAACGGGAGATCTGGAAACGGGTGATGCCGGGACAGCTCTACA	1057
Db	210	TGAGATATTACTACAAAGAGAAATTCTGGAGCTGATGGACGAGACTGGTATATA	151
Qy	1058	AGTTTGGCAAAACTCTCAAGCGCTGGAGGGAGA	1094
Db	150	AAATTGGGAGAATCCCGAGGATGGAGGAAATGA	114

Db	769	CTCACTTATGGAAATTCATCCCGACATCTCTGTGAAACCAAGAACAGGATTA	828
Qy	878	TGAAGTGGAGAATCGGCATGAAAGCGCTTCAAGTCTCGCCTCCGGGTGTGGCC	937
Db	829	TAAATGGGAGACCGATCTGAGGGCTTCAGGTCTTGAAATCAGGGCATGGTC	888
Qy	938	AACTATGGGCCAAAGAAAGAACAGCAACATGACCTACAGAGAACCTGACCGGGCCA	997
Db	889	AGCTTATGGGTAAAGAGAACACACAGCATGACCTATGAAAGCTCAGCCGAGCTA	948
Qy	998	TGAGTACTACTAACAGGGAGACTCTGAAACGGGGATGCCGGGACTGTCTACA	1057
Db	949	TCAGATATACTACAAAGAGAAATCTGGACGGTGTGGTGGACGAAAGACTGTATATA	1008
Qy	1058	AGTTGGCAAAACTCAAGGGCTGGAAAGGAGGAAGA 1094	
Db	1009	AATTGGGAGAATGCCGGAGGTGGAGGAATGA 1045	

Sequence 2, Application US/09009913
Patient No. 6087435
GENERAL INFORMATION:
APPLICANT: AMYS Pharmaceuticals,
TITLE OF INVENTION: Asthma Relat-
NUMBER OF SEQUENCES: 3139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicovic & Reed, L
STREET: 285 Hamilton Ave, Suit
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherrwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5427 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-009-913-2

Sequence 3, Application US/09009913
Patent No. 6084485
GENERAL INFORMATION:
APPLICANT: AYS Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave., Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009, 913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36, 677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 5510 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-009-913-3

Query Match	15.6%	Score 173.8;	DB 3;	Length 5427;
Best Local Similarity	69.7%	Pred. No. 7.4e-35;	0;	Mismatches 102;
Matches	235;	Conservative	Indels 0;	Gaps
Qy	758	TGAGCAAGAGTACTCGACTCTCGAGGGCAAGAACGAGCACCGCCAGAGCA	817	
Db	709	TGAAAAAAGAGCAAGACCCCTGCAGTGCACACCCAAAGACACACCCAGAGGGA	768	
Qy	818	CCCACTGTGGAGTTCATCCGGACATCTCCTACACCCGGAGCTCACAGAGGGCTCA	877	

Query Match	15.6%	Score 173.8;	DB 3;	Length 5510;
Best Local Similarity	69.7%	Pred. No. 7.4e-35		
Matches	235;	Conservative	0;	Mismatches 102; Indels 0; Gaps 0;
Qy	758	TGACCAAGAGTACTGGACTCTCTGAGGCCAAGAGACCAAGCAGCCCCAGAGCA	817	
	792	TGAAAGAGGCAAGCCCCCTGCCAACAGTCCACACCAAAGCACACCCAGGAGGA	851	
Qy	818	CCACCTGTGGAGTCATCCGGAGATCCCTCATCACCGGAGCTCAAGAGGGCTCA	877	

Db 852 CTCACTTATGGAAATCATCCGGCAGATCCTCTTGAAACCAGACAGAACCCAGGATTA 911
 Qy 878 TGAGTGGGAGAATGGCATGAGCTTGAGGCTCCAGGCTTGAGGCTGGCCC 937
 Db 912 TAAATATGGAAAGACGATCTGAGGCGCTCTTGAAATCAGGGAGTGGCTC 971
 Qy 938 AACTATGGGCCAAAGAAAGAACATGACCTACAGAGACTGAGCCGGCCA 997
 Db 972 AGCTATGGGTAAGAAAGAACACAGAGCATGACATGAAAGCTCAGGGAGCTA 1031
 Qy 998 TGAGGTACTACTACAAACGGGAGATCTTGAAACGGGTGATGSCCGGCAACTCTCTACA 1057
 Db 1032 TGAGTATTAATCTACAAAGAGAAATCTGGAGCTGTGGATGGAGAAGACTGGTATA 1091
 Qy 1058 AGTTGGCAGAAACTCAAGGCCTGGAGGAGA 1094
 Db 1092 ATTTGGGAGAATGCCGAGGATGGAGAATGTA 1128

RESULT 10
 US-09-009-913-4
 Sequence 4, Application US/09009913
 Patent No. 6087485
 GENERAL INFORMATION:
 APPLICANT: Arys Pharmaceuticals, Inc.
 TITLE OF INVENTION: Asthma Related Genes
 NUMBER OF SEQUENCES: 339
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Bozicevic & Reed, LLP
 STREET: 285 Hamilton Ave, Suite 200
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94301
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/009,913
 FILING DATE: 21-JAN-1998
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Sherwood, Pamela J
 REGISTRATION NUMBER: 36,677
 REFERENCE/DOCKET NUMBER: SEQ-4P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-327-3231
 TELEFAX: 650-327-3231
 TELEX:
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5667 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-09-009-913-4

RESULT 11
 US-09-009-913-338
 Sequence 338, Application US/09009913
 Patent No. 6087485
 GENERAL INFORMATION:
 APPLICANT: Arys Pharmaceuticals, Inc.
 TITLE OF INVENTION: Asthma Related Genes
 NUMBER OF SEQUENCES: 339
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Bozicevic & Reed, LLP
 STREET: 285 Hamilton Ave, Suite 200
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94301
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/009,913
 FILING DATE: 21-JAN-1998
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Sherwood, Pamela J
 REGISTRATION NUMBER: 36,677
 REFERENCE/DOCKET NUMBER: SEQ-4P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-327-3231
 TELEFAX: 650-327-3231
 TELEX:
 INFORMATION FOR SEQ ID NO: 338:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 848 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: Coding Sequence
 LOCATION: 1..848
 OTHER INFORMATION:
 US-09-009-913-338

Query Match 15.6%; Score 173.8; DB 3; Length 5667;
 Best Local Similarity 69.7%; Pred. No. 7.5e-35;
 Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;
 Qy 758 TGAGGAAAGTACTGGACTGTCTGAGGCCAGAGGCAAGGCCAGAGGA 817
 Db 949 TGAAGAAAGGAGCAACCCCTGCAAGTCCACACAAAGACACACCGAGGGA 1008
 Qy 818 CCCACTGCTGGAGTCATCGGGACATCCATCACCCGGAGCTAACGAGGCC 877

RESULT 12

US-09-009-913-8

Sequence 8, Application US/09009913

Patent No. 6087485

GENERAL INFORMATION:

APPLICANT: AXYX Pharmaceuticals, Inc.

TITLE OF INVENTION: Asthma Related Genes

NUMBER OF SEQUENCES: 339

CORRESPONDENCE ADDRESS:

ADDRESSEE: Bozicevic & Reed, LLP

STREET: 285 Hamilton Ave, Suite 200

CITY: Palo Alto

STATE: CA

ZIP: 94301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: Fast-SEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/009,913

FILING DATE: 21-JAN-1998

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/009,913

NAME: Sherwood, Pamela J

REGISTRATION NUMBER: 36,677

REFERENCE/DOCKET NUMBER: SEQ-4P

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Sherwood, Pamela J

REGISTRATION NUMBER: 36,677

REFERENCE/DOCKET NUMBER: SEQ-4P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-327-3231

TELEFAX: 650-327-3231

TELEX:

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 2280 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-09-009-913-8

Query Match 9.1%; Score 101.2; DB 3; Length 2280;

Best Local Similarity 61.7%; Pred. No. 1.5e-16;

Matches 179; Conservative 0; Mismatches 108; Indels 3; Gaps 1;

QY 818 CCCACTCTGGGAGTCATCCGGAACTCCATCCACCGGAGCTCAAC 877

Db 620 CTCACTTATGGGAGTCATCCGGAACTCCATCCACCGGAGCTCAAC 679

QY 878 TGAGGGGAGATCCGATGGGGCTTCAGTCTGGGCTCGAGGCTGAGCC 937

Db 680 TCAATGGGAGCCGTTGGAGGATCTTCAGGTCTCTGGAGAAGCTGTC 739

QY 938 AACTATGGGCAAAAGAAAGAACAGCACATGAGCTTACGAGAAAGCTGAGCC 997

Db 740 AGCTGTGGGAAAGAAAGAAATACAGTAGCATGAGAATGAGAGACTCAGCCGGCTA 799

QY 998 TGAGGTTACTACAAACGGAGATCTGGAGCTGGGGATGGCCCG 1046

Db 800 TGAGATATTACAAACAGGAATCTGGAGCTGGGGATGGCCCG 848

RESULT 13

US-09-009-913-6

Sequence 6, Application US/09009913

Patent No. 6087485

GENERAL INFORMATION:

APPLICANT: AXYX Pharmaceuticals, Inc.

TITLE OF INVENTION: Asthma Related Genes

NUMBER OF SEQUENCES: 339

CORRESPONDENCE ADDRESS:

ADDRESSEE: Bozicevic & Reed, LLP

STREET: 285 Hamilton Ave, Suite 200

CITY: Palo Alto

STATE: CA

ZIP: 94301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: Fast-SEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/009,913

FILING DATE: 21-JAN-1998

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Sherwood, Pamela J

REGISTRATION NUMBER: 36,677

REFERENCE/DOCKET NUMBER: SEQ-4P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-327-3231

TELEFAX: 650-327-3231

TELEX:

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 2428 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-09-009-913-6

Query Match 9.1%; Score 101.2; DB 3; Length 2428;

Best Local Similarity 61.7%; Pred. No. 1.5e-16;

Matches 179; Conservative 0; Mismatches 108; Indels 3; Gaps 1;

QY 808 CCCAGGGACCCACCTGTGGGAGTCATCGGGAGATCCATCCACCGGAGCTCAAC 867

Db 696 CTCAAAGTCTCATCTATGGGAATTGAGACCTGTCCTCTCTGGAGAAC 755

QY 868 GGGGCTCATGAGTGGGAGATCGCGATGAGGGCTCTCAACTCTCGGCTCGAG 927

Db 756 TGTGGGATTCGGAATGGGAAGATAGGGAAAGAGGATTTCGGGTGGTTAAATGGAA 815

QY 928 GCTGTGCCACTATGGGCCAAAGAAAGAACAGCACATCCTACGGAGCTG 987

Db 668 GCCTGCAAGATGTTGGGACAAAGGAATGACAGATGAGTGTAAAGTTG 727

QY 988 ACCGGGCCATGGTACTACACAGGGAGATCTGGAAAGGGATGTCGGCGGA 1047

Db 728 AGCAGGCCGAGATACTACTATAAACAGGAATTGGAGGGT--TGACCGAAGG 784

QY 1048 CTGGCTACAAGTTGGAAACACTAACGGCTGCAAGGAGAGGT 1097

Db 785 TTAGTGTACAAATTGGAAATGCAACACGGTGGCAGGGAGACGT 834

RESULT 14
 US-09-009-913-10
 Sequence 10, Application US/09009913
 Patent No. 608785
 GENERAL INFORMATION:
 APPLICANT: Axsys Pharmaceuticals, Inc.
 TITLE OF INVENTION: Asthma Related Gene
 NUMBER OF SEQUENCES: 339
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Bozicevic & Reed, LLP
 STREET: 285 Hamilton Ave, Suite 200
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94301
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: ParSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/009,913
 FILING DATE: 21-JAN-1998
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Shwood, Pamela J
 REGISTRATION NUMBER: 36,677
 REFERENCE/DOCKET NUMBER: SEQ-4P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-327-3331
 TELEFAX: 650-327-3331
 TELX:
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2498 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-09-009-913-10

Query Match 9.1%; Score 101.2; DB 3; Length 2498;
 Best Local Similarity 61.7%; Pred. No. 1.5e-16;
 Matches 179; Conservative 0; Mismatches 108; Indels 3; Gaps 1;

QY 808 CCCAGGAGGCCAACCTGTTGGAGTCATCCGCGCACATCCTCATCCACCGGGAGTCAC 867
 Db 765 CTCCAAAGTCTCATCTATGGGAATTGTACGAGCTCTCTCATCTGAGAAC 824
 QY 868 GAGGGCTCTATGAAGTGGGAGATCGGCATGAAGGGCTTCAGTCTGGCTCCGAG 927
 Db 825 TGTGGCATTCGGATGGAGATGGGAGACAGAAATTTCGGGTGTTAATCGAA 884
 QY 928 GCTGGGCCAACTATGGGCCAAAGAAAAGACAGAACATGACCTACGGAGAGCTG 987
 Db 885 GCCCTGGCAAGATCTGGGACAAAGGAGAACATGACAGAATGACGGATGAAAGTG 944
 QY 988 AGCGGGCCATGGAGTACTACTACAAACGGGATCTGGAGAGGAGAGGT 982

RESULT 15
 US-09-213-767-1
 Sequence 1, Application US/09213767
 Patent No. 5948880
 GENERAL INFORMATION:
 APPLICANT: Brenda F. Baker
 ATTORNEY/AGENT INFORMATION:
 TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
 FILE REFERENCE: RTG-0024
 CURRENT APPLICATION NUMBER: US/09/213, 767
 CURRENT FILING DATE: 1998-12-17
 NUMBER OF SEQ ID NOS: 47
 SEQ ID NO 1
 LENGTH: 2266
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (316)..(1602)
 US-09-213-767-1

Query Match 7.6%; Score 84.8; DB 2; Length 2266;
 Best Local Similarity 64.0%; Pred. No. 2.1e-12; Matches 128; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
 Db 372 CATTGGCCACATTAATCTCTGGACTTACGGGATGGTGTGATTCAAGCTGGATGC 431
 QY 864 CAACGAGGGCTCATGAAGTGGAGAATCGGAATGAAGGGCTTCAGTCTGGCCTC 923
 Db 432 AGAGGAGGTGGCCGGCTGGGGACTACGCAAGAACAGAACATGAAATTAGACAA 491
 QY 924 CGAGGCTCTGGCCAACATATGGGCCAAAGAAAAGACAGAACATGACCTACGAGA 983
 Db 492 GCTCAGGGCCATAGGGTAACTACAAAGGGGATCTGGAAACGGGTGATGGCC 1043
 QY 1044 GCGACTCGCTACAGTTG 1063
 Db 552 GAAGTTCTGCTCAGTTG 571

Search completed: March 15, 2003, 15:12:50
 Job time : 49.3242 secs